

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1950559	(combin\$4 or group\$4 or cluster\$4)services	USPAT	OR	OFF	2007/12/21 12:16
S2	867509	(activat\$4 or deactivat\$4) services	USPAT	OR	OFF	2007/12/04 14:21
S3	491	assign\$4 same (group adj identif\$3)	USPAT	OR	OFF	2007/12/04 14:22
S4	334	S1 and S2 and S3	USPAT	OR	OFF	2007/12/04 14:23
S5	89	S4 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/04 14:58
S6	754	stor\$4 same (group adj identif\$3)	USPAT	OR	OFF	2007/12/04 14:24
S7	17	S5 and S6	USPAT	OR	OFF	2007/12/05 11:00
S8	39474	S1 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/04 14:58
S9	26124	S2 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/04 14:59
S10	125	S3 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/04 15:01
S11	24308	S8 and S9	USPAT	OR	OFF	2007/12/04 15:02
S12	0	S8 and I9I11 and S10	USPAT	OR	OFF	2007/12/04 15:02
S13	89	S11 and S10	USPAT	OR	OFF	2007/12/04 15:02
S14	700992	(high level service\$) and (logical link\$)	USPAT	OR	OFF	2007/12/04 15:03
S15	59	(activat\$4 or deactivat\$4) same ((group or cluster or set)adj servic\$4) same (server or network)	USPAT	OR	OFF	2007/12/05 13:17
S16	51	S14 and S15	USPAT	OR	OFF	2007/12/04 16:04
S17	844	((activat\$4 or deactivate\$4) same servic\$2 same (server\$ or network\$)),ab,ti,clm.	USPAT	OR	OFF	2007/12/04 17:49
S18	805	S1 and S17	USPAT	OR	OFF	2007/12/04 16:07
S19	195	S18 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/04 16:09
S20	56	S19 and @pd<"20020801"	USPAT	OR	OFF	2007/12/10 18:01
S21	5607	((activat\$4 or deactivate\$4) same servic\$2 same (server\$ or network\$))	USPAT	OR	OFF	2007/12/04 17:50
S22	18	S6 and S21	USPAT	OR	OFF	2007/12/04 17:50
S23	43981	provid\$4 same (plurality near\$2 servic\$2) same (telecommunication network)	USPAT	OR	OFF	2007/12/05 11:42
S24	1950559	(combin\$4 or group\$4 or cluster\$4)services	USPAT	OR	OFF	2007/12/05 11:22
S25	867509	(activat\$4 or deactivat\$4) services	USPAT	OR	OFF	2007/12/05 11:19
S26	16039	"I1" and S24 and S25	USPAT	OR	OFF	2007/12/05 11:04
S27	930	S26 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/05 11:05

## EAST Search History

S28	692043	(assign\$4 or stor\$4)same group identifi\$3	USPAT	OR	OFF	2007/12/05 11:14
S29	691	S27 and S28	USPAT	OR	OFF	2007/12/05 11:07
S30	659	S29 and (server or network)	USPAT	OR	OFF	2007/12/05 11:09
S31	346	S30 and @pd<= "20030711"	USPAT	OR	OFF	2007/12/05 11:10
S32	1584	(assign\$4 or stor\$4)same (group near identifi\$3)	USPAT	OR	OFF	2007/12/05 11:15
S33	13	S27 and S32	USPAT	OR	OFF	2007/12/05 11:15
S34	522	(activat\$4 or deactivat\$4) near services	USPAT	OR	OFF	2007/12/05 11:19
S35	22676	provid\$4 near (plurality near\$2 servic\$2) same (telecommunication network)	USPAT	OR	OFF	2007/12/05 11:43
S36	226	S34 and S35	USPAT	OR	OFF	2007/12/05 11:19
S37	53	S36 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/05 11:20
S38	53	S36 and "709"/\$.ccls.	USPAT	OR	OFF	2007/12/05 11:20
S39	2006	(combin\$4 or group\$4 or cluster\$4) near services	USPAT	OR	OFF	2007/12/05 11:23
S40	41	S32 and S39	USPAT	OR	OFF	2007/12/05 11:37
S41	6	S36 and S40	USPAT	OR	OFF	2007/12/05 11:23
S42	637	provid\$4 near (plurality near servic\$2)	USPAT	OR	OFF	2007/12/05 11:44
S43	22	S34 and S42	USPAT	OR	OFF	2007/12/05 11:44
S44	1	"4278844".PN.	USPAT; USOCR	OR	OFF	2007/12/05 11:54
S45	88	S34 and "370"/\$.ccls.	USPAT; USOCR	OR	OFF	2007/12/05 13:13
S46	2	render\$4 near servic\$2 near inactiv\$4	USPAT; USOCR	OR	OFF	2007/12/05 13:16
S47	62	(deactivat\$4 near servic\$2) same (telecommunication network)	USPAT	OR	OFF	2007/12/05 13:18
S48	2006	(combin\$4 or group\$4 or cluster\$4) near services	USPAT	OR	OFF	2007/12/05 13:18
S49	5	S47 and S48	USPAT	OR	OFF	2007/12/05 13:19
S50	6	"627637"	USPAT	OR	OFF	2007/12/06 14:01
S51	1	(high near level near service\$2) same (logical near link\$2)	USPAT	OR	OFF	2007/12/06 14:06
S52	8	(high near level near service\$2) and (logical near link\$2)	USPAT	OR	OFF	2007/12/06 14:06
S53	1977	service near (activat\$4 or deactivat\$4)	USPAT	OR	OFF	2007/12/06 14:56

## EAST Search History

S54	4293	(combin\$4 or group\$4 or cluster\$4) near service\$2	USPAT	OR	OFF	2007/12/06 16:15
S55	1584	(assign\$4 or stor\$4) same (group near identifi\$3)	USPAT	OR	OFF	2007/12/06 14:58
S56	7	S53 and S54 and S55	USPAT	OR	OFF	2007/12/07 18:24
S57	2006	(combin\$4 or group\$4 or cluster\$4) near services	USPAT	OR	OFF	2007/12/06 16:16
S58	98	S53 and S57	USPAT	OR	OFF	2007/12/06 16:16
S59	23	S58 and "709"/\$.ccls.	USPAT	OR	OFF	2007/12/06 16:31
S61	5	S59 and S55	USPAT	OR	OFF	2007/12/06 16:34
S62	220	S55 and "709"/\$.ccls.	USPAT	OR	OFF	2007/12/06 16:35
S63	261	S55 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/06 16:36
S64	81	S62 and (activat\$4 or deactivat\$4)	USPAT	OR	OFF	2007/12/06 16:39
S65	6	S62 and ((activat\$4 or deactivat\$4)near (services or logical links))	USPAT	OR	OFF	2007/12/06 16:42
S66	388761	service near (activation or deactivation) same telecommunication network	USPAT	OR	OFF	2007/12/06 16:44
S67	784	service near (activation or deactivation)	USPAT	OR	OFF	2007/12/06 16:45
S68	155	S67 and "709"/\$.ccls.	USPAT	OR	OFF	2007/12/06 16:49
S69	155	S67 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/06 16:49
S70	1977	service near (activat\$4 or deactivat\$4)	USPAT	OR	OFF	2007/12/07 19:59
S71	2006	(combin\$4 or group\$4 or cluster\$4) near services	USPAT	OR	OFF	2007/12/07 19:59
S72	98	S70 and S71	USPAT	OR	OFF	2007/12/07 19:59
S73	26	S72 and "370"/\$.ccls.	USPAT	OR	OFF	2007/12/07 19:59
S74	106	bundle near service\$2	USPAT	OR	OFF	2007/12/10 18:03
S75	1977	service near (activat\$4 or deactivat\$4)	USPAT	OR	OFF	2007/12/10 18:03
S76	2006	(combin\$4 or group\$4 or cluster\$4) near services	USPAT	OR	OFF	2007/12/10 18:03
S77	98	S75 and S76	USPAT	OR	OFF	2007/12/10 18:07
S78	1	S74 and S77	USPAT	OR	OFF	2007/12/20 19:45
S79	1378148	bundle\$2 near\$2 service\$2	USPAT	OR	OFF	2007/12/11 12:05
S80	1366798	(bundle\$2 near\$2 service\$2) and ((partial or portion) near\$2 service\$2)	USPAT	OR	OFF	2007/12/11 12:07

## EAST Search History

S81	657366	(bundle\$2 near\$2 servic\$2) and ((partial or portion) near\$2 servic\$2).ti,ab,clm.	USPAT	OR	OFF	2007/12/11 12:07
S82	701921	(high level service\$) and (logical link\$)	USPAT	OR	OFF	2007/12/11 12:07
S83	142664	S81 and S82	USPAT	OR	OFF	2007/12/11 12:09
S84	1978	service near (activat\$4 or deactivat\$4)	USPAT	OR	OFF	2007/12/11 12:09
S85	2016	(combin\$4 or group\$4 or cluster\$4) near services	USPAT	OR	OFF	2007/12/11 12:09
S86	98	S84 and S85	USPAT	OR	OFF	2007/12/11 12:09
S87	146624	S83 ans S86	USPAT	OR	OFF	2007/12/11 12:09
S88	75	S83 and S86	USPAT	OR	OFF	2007/12/11 12:09
S89	1	"6560326".PN.	USPAT; USOCR	OR	OFF	2007/12/11 12:58
S90	1	"5966434".PN.	USPAT; USOCR	OR	OFF	2007/12/11 13:01
S91	1	"5153909".PN.	USPAT; USOCR	OR	OFF	2007/12/11 16:03
S92	303	(deactivat\$4 near servic\$2)	USPAT; USOCR	OR	OFF	2007/12/21 13:37
S93	11	S88 and S92	USPAT; USOCR	OR	OFF	2007/12/11 16:36
S94	12	(group near identifi\$2)and S86	USPAT; USOCR	OR	OFF	2007/12/11 16:38
S95	1	"5825772".pn.	USPAT	OR	OFF	2007/12/21 14:30
S96	1	"5633869".PN.	USPAT; USOCR	OR	OFF	2007/12/20 17:49
S97	1	"5500860".PN.	USPAT; USOCR	OR	OFF	2007/12/20 17:51
S98	1	"5497368".PN.	USPAT; USOCR	OR	OFF	2007/12/20 17:52
S99	1	"5485455".PN.	USPAT; USOCR	OR	OFF	2007/12/20 17:53
S100	1	"5394402".PN.	USPAT; USOCR	OR	OFF	2007/12/20 17:57
S101	1	"5323394".PN.	USPAT; USOCR	OR	OFF	2007/12/20 17:57
S102	1	"5309437".PN.	USPAT; USOCR	OR	OFF	2007/12/20 17:57
S103	1	"4912656".PN.	USPAT; USOCR	OR	OFF	2007/12/20 17:58

## EAST Search History

S10 4	1	"5193152".PN.	USPAT; USOCR	OR	OFF	2007/12/20 17:58
S10 5	42	("20050239395" "5359601" "6097942" "6597780" "6907264" "20020102966" "20050283518" "20070080288" "20070107013" "5404493" "5652834" "6138009" "6215864" "20020021796" "20070061428" "5740384" "20060056415" "4361848" "4970723" "5043983" "5046183" "5375117" "5418782" "5491693" "5497463" "5499048" "5504939" "5517563" "5574870" "5598413" "5627888" "5671413" "5687373" "5701484" "5734708" "5761288" "5764984" "5771236" "5796950" "5809033" "5818819" "5835594" "5862492" "5878128" "5883883" "5924035" "5943335" "6018529" "6034973" "6070147" ).pn.	USPAT	OR	OFF	2007/12/20 20:05
S10 6	0	US-20050239395-A1	USPAT	OR	OFF	2007/12/20 20:03
S10 7	1	US-20050239395-A1	US-PGPUB; USPAT	OR	OFF	2007/12/20 20:03
S10 8	50	("20050239395" "5359601" "6097942" "6597780" "6907264" "20020102966" "20050283518" "20070080288" "20070107013" "5404493" "5652834" "6138009" "6215864" "20020021796" "20070061428" "5740384" "20060056415" "4361848" "4970723" "5043983" "5046183" "5375117" "5418782" "5491693" "5497463" "5499048" "5504939" "5517563" "5574870" "5598413" "5627888" "5671413" "5687373" "5701484" "5734708" "5761288" "5764984" "5771236" "5796950" "5809033" "5818819" "5835594" "5862492" "5878128" "5883883" "5924035" "5943335" "6018529" "6034973" "6070147" ).pn.	US-PGPUB; USPAT	OR	OFF	2007/12/20 20:05
S10 9	3627	(combin\$4 or group\$4 or cluster\$4 or bundle\$2)services	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/12/21 12:16.

## EAST Search History

S11 0	6353	(combin\$4 or group\$4 or cluster\$4 or bundle\$2) near \$2services	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/12/21 12:17
S11 1	0	(combin\$4 or group\$4 or cluster\$4 or bundle\$2) near\$2 servic\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/12/21 12:17
S11 2	13456	(combin\$4 or group\$4 or cluster\$4 or bundle\$2) near servic\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/12/21 12:18
S11 3	4524	(combin\$4 or group\$4 or cluster\$4 or bundle\$2) near servic\$2 and (activat\$4 or deactivat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/12/21 12:19
S11 4	494	assign\$4 same (group adj identif\$3)	USPAT	OR	OFF	2007/12/21 12:19
S11 5	757	stor\$4 same (group adj identif\$3)	USPAT	OR	OFF	2007/12/21 12:19
S11 6	186	S114 and S115	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/12/21 12:19
S11 7	8	S113 and S116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/12/21 12:20
S12 2	2329328	(render\$4 or mak\$4) servic\$2 same inactive same unavailable	USPAT	OR	OFF	2007/12/21 13:10
S12 3	954	S109 and S122	USPAT	OR	OFF	2007/12/21 13:10

## EAST Search History

S12 4	3	S116 and S123	USPAT	OR	OFF	2007/12/21 13:08
S12 5	416	S113 and S123	USPAT	OR	OFF	2007/12/21 13:09
S12 6	404211	S125 and basic servic\$2	USPAT	OR	OFF	2007/12/21 13:09
S12 7	81	S125 and basic servic\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/12/21 13:11
S12 8	954	S109 and S122	USPAT	ADJ	OFF	2007/12/21 13:10
S13 1	304	(deactivat\$4 near servic\$2)	USPAT; USOCR	OR	OFF	2007/12/21 13:38
S13 2	0	S117 and S131	USPAT; USOCR	OR	OFF	2007/12/21 13:38
S13 3	5	S109 and S131	USPAT; USOCR	OR	OFF	2007/12/21 13:44
S13 4	106	bundle near service\$2	USPAT	OR	OFF	2007/12/21 13:44
S13 5	1984	service near (activat\$4 or deactivat\$4)	USPAT	OR	OFF	2007/12/21 13:44
S13 6	3	S134 and S135	USPAT; USOCR	OR	OFF	2007/12/21 13:44
S13 9	660114	telecommunication network servic\$2	USPAT	OR	OFF	2007/12/21 14:33
S14 0	106	S134 and S139	USPAT	OR	OFF	2007/12/21 14:39
S14 1	414140	telecommunication network servic\$2 and deactivat\$4	USPAT	OR	OFF	2007/12/21 14:33
S14 2	260	((activat\$ or deactivat\$) same servic\$ same (server\$ or network\$)). clm,ab,ti.	USPAT	OR	OFF	2007/12/21 14:41
S14 3	37	S142 and (service\$ near3 group\$ or service\$ near3 cluster\$)	USPAT	OR	OFF	2007/12/21 15:46
S14 4	4	(5554320 6055574 5596723 632458 0).pn.	USPAT	OR	OFF	2007/12/21 18:34
S14 5	1	"5638494".pn.	USPAT	OR	OFF	2007/12/21 18:34